

# **The 5<sup>th</sup> IFIP Conference on Distributed Applications and Interoperable Systems DAIS 2005**

June 15-17, 2005, Athens, Greece  
<http://www.di.uoa.gr/dais-fmoods-2005/>

To be held in conjunction with  
FMOODS2005

Formal Methods for Open Object-Based Distributed Systems

## **ABOUT THE CONFERENCE**

The emergence of 4th generation communication systems, the evolution of the Internet technologies, the convergence of the telecom and datacom, wireless and fixed communication systems and applications pave the path for ubiquitous service and application provision. Innovative solutions are required for the development, implementation and operation of distributed applications in complex IT environments full of diversity and heterogeneity. Today, systematic application development support is lacking for the emerging wide spectrum of distributed systems ranging from ambient intelligence to global computing scenarios. Following the evolution of the field, DAIS'05 will focus on models, technologies and platforms for interoperable, scalable and adaptable distributed applications within all kinds of computing environments.

DAIS'05 is the fifth event in a series of successful international conferences, which started in 1997. DAIS'05 will provide a forum for researchers, application and platform service vendors and users, to review, discuss and learn about new approaches, concepts and experiences in the fields of distributed computing. DAIS'05 will include talks by invited speakers, full technical paper sessions, and work-in-progress presentations.

## **SUBMISSION GUIDELINES**

DAIS'2005 seeks submissions for:

- Full technical papers of no more than 12 pages (approximately 6000 words);
- Work-in-progress papers, describing on-going work and interim results, in no more than 5 pages.

All papers must be original, unpublished, and not submitted simultaneously for publication elsewhere. They will be refereed by the Program Committee. Accepted full papers will be published by Springer Verlag in the LNCS series (pending). Submission format: PS or PDF using the Springer LNCS style.

## **IMPORTANT DATES**

Full paper submission: February 1, 2005  
Work-in-progress papers: February 15, 2005  
Acceptance notification: March 15, 2005  
Camera ready papers: April 7, 2005

## **CONFERENCE THEMES**

In keeping with the focus on models, technologies and platforms for interoperable, scalable, and adaptable distributed applications, and in addition to its traditional themes, DAIS'05 especially encourages original unpublished papers addressing the following topics:

- software architectures and frameworks for application reconfiguration and adaptation,
- component frameworks (e.g., CORBA Components, EJB, .NET),
- autonomous systems and architectures,
- modelling, specifying, monitoring and management of context-aware and adaptive applications,
- support for self-organisation and autonomic behaviour in distribution platforms,
- application infrastructures for Service-oriented Architectures and Web Services,
- application environments for specific technologies (e.g., GRID computing, mobile and wireless),
- issues in enterprise-wide and large-scale application integration,
- model-driven development and testing,
- application management and tuning,
- development methodologies for ambient intelligence and sensor net applications,
- semantic interoperability and semantic web services.

## **ORGANISATION**

### **General Chair**

Lazaros Merakos, University of Athens, Greece

### **Steering committee**

Guy Leduc, University de Liège, Belgium  
Hartmut Koenig, BTU Cottbus, Germany  
Kurt Geihs, University of Kassel, Germany  
Elie Najm, ENST, Paris, France

### **Program chairs**

Nancy Alonistioti, University of Athens, Greece  
Lea Kutvonen, University of Helsinki, Finland

### **Publicity chair**

Hartmut Koenig, BTU Cottbus, Germany

## **LOCAL ARRANGEMENTS**

Costas Polychronopoulos, University of Athens, Greece

## **Program committee**

M. Ahamed, Georgia Tech, USA  
M. Anagnostou, National Technical University of Athens, Greece  
S. Baker, IONA, Ireland  
Y. Berbers, Katholieke Universiteit Leuven, Belgium  
A. Beugnard, ENST-Bretagne, France  
D. Bourse, Motorola Labs, France  
I. Demeure, ENST, France  
F. Eliassen, University of Oslo, Norway  
K. Geihs, TU Berlin, Germany  
S. Gessler, NEC Europe Ltd, Germany  
D. Hagimont, INRIA, France  
S. Hallsteinsen, Sintef, Norway  
P. Honeyman, University of Michigan, USA  
J. Indulska, University of Queensland, Australia  
E. Jul, DIKU, Denmark  
A. Kaloxylos, University of Peloponnese, Greece  
V. Karamcheti, New York University, USA  
H. Koenig, BTU Cottbus, Germany  
H. Krumm, University of Dortmund, Germany  
W. Lamersdorf, University of Hamburg, Germany  
C. Linnhoff-Popien, University of Munich, Germany  
P. Merle, INRIA, France  
E. Najm, ENST, France  
G. Papadopoulos, University of Cyprus, Cyprus  
K. Raymond, DSTC, Australia  
D. Schmidt, University of California, USA  
W. Schreiner, Johannes Kepler University Linz, Austria  
T. Senivongse, Chulalongkorn University, Thailand  
J.-B. Stefani, INRIA, France  
M. Virvou, University of Peiraus, Greece  
D. Zeglache, INT, France  
K. Zielinski, UMM Krakow, Poland